Inte onal Application No PCT/US 99/00521

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European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Ripswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Weber, G		mailing address of the ISA European Patent Offics, P.B. 5618 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (-31-70) 340-2040, Tx. 31 651 epo ni,	Authorized officer	

Inte onal Application No PCT/US 99/00521

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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to daim No.
Α	WO 89 05095 A (ROBINSON JEFFREY) 15 June 1989 see the whole document		1-22
Α	EP 0 630 574 A (AKUTAGAWA CONFECTIONERY) 28 December 1994 see column 2, line 59 - column 3, line 3		1-22
Α	WO 94 07375 A (UNILEVER PLC ;UNILEVER NV (NL)) 14 April 1994 cited in the application see the whole document		1-22

1

information on patent family members

Inter onel Application No
PCT/US 99/00521

Patent document cited in search report		Publication date		eatent family member(s)	Publication date
US 4059378	A	22-11-1977	DE AU AU DK GB	2540613 A 507996 B 1731676 A 410176 A 1541073 A	17-03-1977 06-03-1980 09-03-1978 13-03-1977 21-02-1979
FR 2747886	A	31-10-1997	FŖ	2747885 A	31-10-1997
US 3662693	Α	16-05-1972	NONE		
EP 0422883	A	17-04-1991	US AU CA DE DE DK ES JP	5059441 A 642431 B 6384690 A 2027176 A 69010820 D 69010820 T 422883 T 2057429 T 3133369 A	22-10-1991 21-10-1993 18-04-1991 11-04-1991 25-08-1994 10-11-1994 31-10-1994 16-10-1994 06-06-1991
WO 8905095	A	15-06-1989	AT AU CA DE DK EP FI JP NO US	126968 T 634467 B 2906489 A 1320322 A 3854397 D 132190 A 0389560 A 96011 B 3502520 T 178846 B 4979720 A	15-09-1995 25-02-1993 05-07-1989 20-07-1993 05-10-1995 27-07-1990 03-10-1990 15-01-1996 13-06-1991 11-03-1996 25-12-1990
EP 0630574	Α	28-12-1994	JP CA US	7008171 A 2125601 A 5443856 A	13-01-1995 25-12-1994 22-08-1995
WO 9407375	A	14-04-1994	ATU AUA CCN Z DE DE DE ES FIR HU JP MX NO NZ SK	150258 T 675977 B 5122693 A 2146148 A 1090720 A,E 9500815 A 69309082 D 69309082 T 662787 T 19790 A 0662787 A 2099476 T 951524 A 3023494 T 1000022 A 71571 A 2727134 B 8501693 T 9306066 A 951268 A 256402 A 41295 A	15-04-1997 27-02-1997 26-04-1994 14-04-1994 17-08-1994 13-12-1995 24-04-1997 26-06-1997 06-10-1997 31-01-1996 19-07-1995 16-05-1997 31-03-1995 29-08-1997 09-10-1997 28-12-1995 11-03-1998 27-02-1996 31-05-1994 31-03-1995 27-02-1996 09-08-1995

Information on patent family members

Inter 'onal Application No PCT/US 99/00521

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9407375 A		ZA 9307275 A	30-03-1995
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